

F.H.W.A. REGION NO.	STATE	FED. NO. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

MD 97 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

SIGNAL HEADS

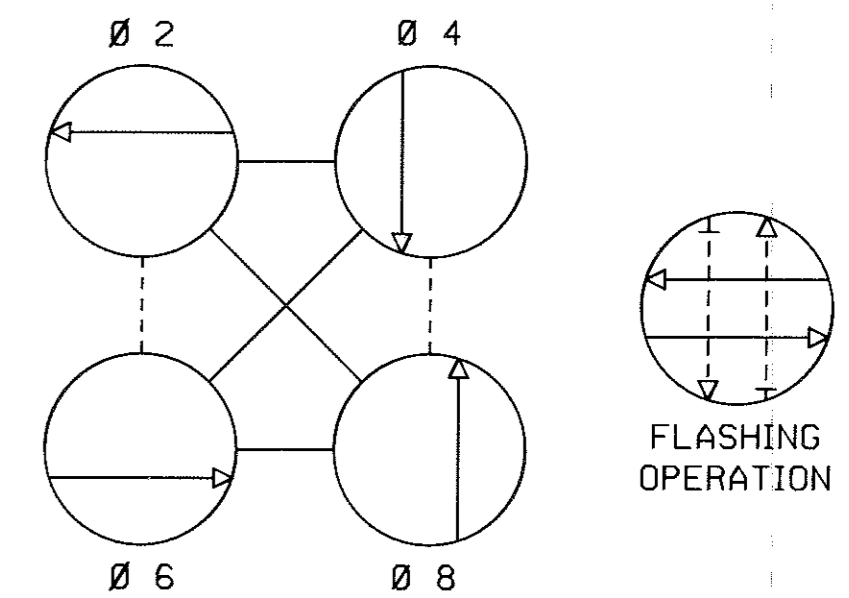
1-8
R
Y
G
12"

SIGNS

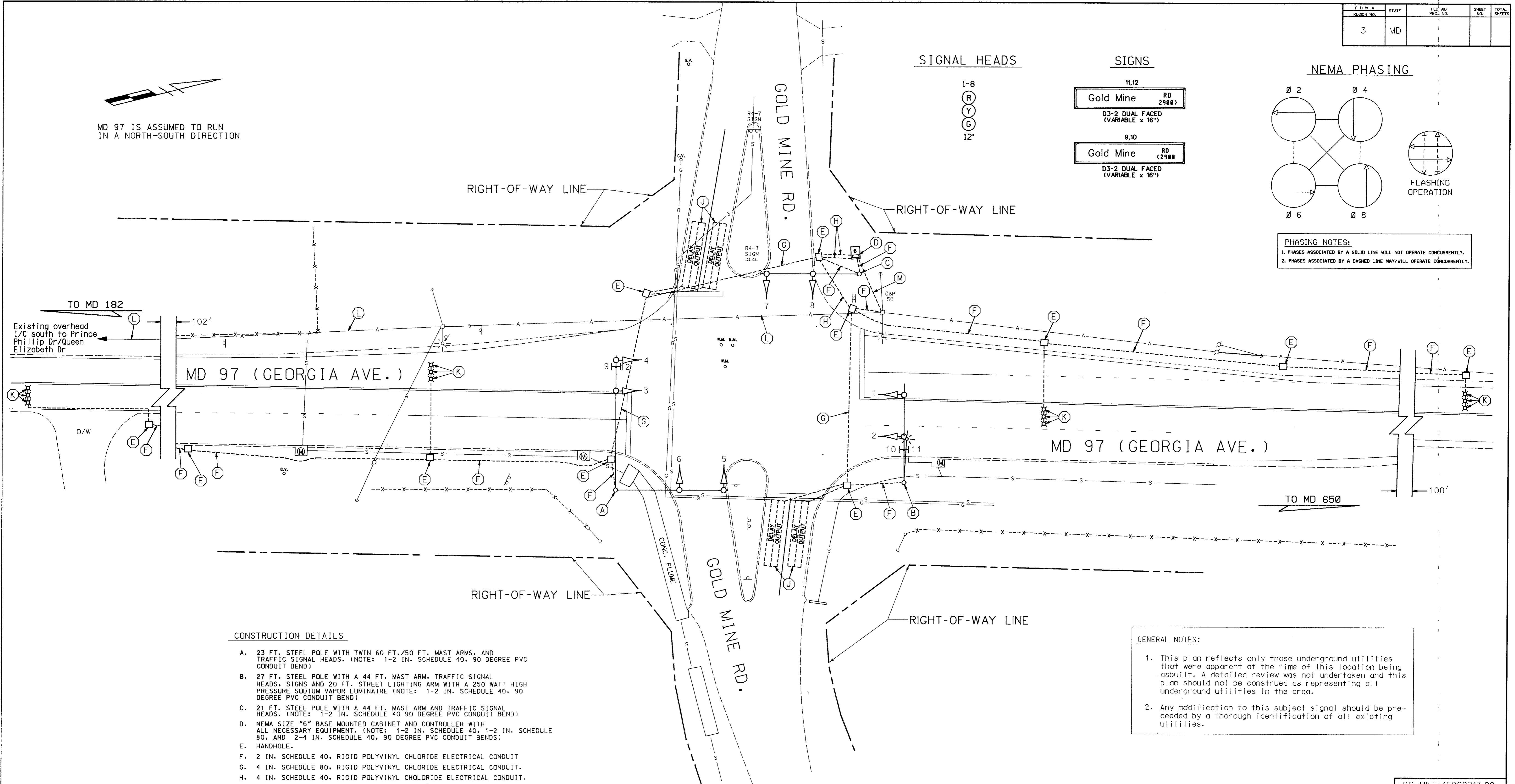
11,12
Gold Mine RD
RD
2980
D3-2 DUAL FACED
(VARIABLE x 16")

9,10
Gold Mine RD
RD
(2980)
D3-2 DUAL FACED
(VARIABLE x 16")

NEMA PHASING



PHASING NOTES:
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- A. 23 FT. STEEL POLE WITH TWIN 60 FT./50 FT. MAST ARMS, AND TRAFFIC SIGNAL HEADS. (NOTE: 1-2 IN. SCHEDULE 40, 90 DEGREE PVC CONDUIT BEND)
- B. 27 FT. STEEL POLE WITH A 44 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS AND 20 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE (NOTE: 1-2 IN. SCHEDULE 40, 90 DEGREE PVC CONDUIT BEND)
- C. 21 FT. STEEL POLE WITH A 44 FT. MAST ARM AND TRAFFIC SIGNAL HEADS. (NOTE: 1-2 IN. SCHEDULE 40 90 DEGREE PVC CONDUIT BEND)
- D. NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT. (NOTE: 1-2 IN. SCHEDULE 40, 1-2 IN. SCHEDULE 80, AND 2-4 IN. SCHEDULE 40, 90 DEGREE PVC CONDUIT BENDS)
- E. HANDHOLE.
- F. 2 IN. SCHEDULE 40, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT
- G. 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT.
- H. 4 IN. SCHEDULE 40, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT.
- J. 6 FT. X 30 FT. LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3) QUADRUPOLE TYPE.
- K. MICRO-LOOP PROBE SET.
- L. EXISTING OVERHEAD INTERCONNECT CABLE.
- M. EXISTING UNDERGROUND ELECTRICAL SERVICE BY PEPCO.

GENERAL NOTES:

- 1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and this plan should not be construed as representing all underground utilities in the area.
- 2. Any modification to this subject signal should be preceded by a thorough identification of all existing utilities.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

REVISION "A" ASBUILT

STREET TRAFFIC STUDIES, LTD.
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REVISIONS	APPROVALS	REVISIONS
	ASSISTANT DIVISION	
	ASST. DISTRICT ENGINEER, TRAFFIC	
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY	

DATE: 9-29-95
SCALE: 1" = 20'
APPROVED BY:

DRAWN BY: S. BLOSS
DESIGNED BY: T. ZAYDEL
CHECKED BY: T. HANNAN

F.A.P. NO. STPG-0005(3011E)
S.H.A. NO. AW-791-479-385
COUNTY MONTGOMERY

TS NO. 3552A
SHEET NO. OF

LOG MILE 15009713.29

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 97 (GEORGIA AVE.) AND GOLD MINE ROAD